

## CWSF 2006 - Saguenay, Québec



### Perryn Kruth, Brittany Martyn

#### Inhibition of *C. difficile*

**Division:** Life Sciences

**Category:** Intermediate

**Region:** Waterloo-Wellington

**City:** Guelph, ON

**School:** John F. Ross C.V.I.

**Abstract:** Clostridium difficile-related disease is an emerging health concern. We examined the effects of alternative treatments such as probiotic and antibody-rich products on toxins and growth of *C. difficile*. Results showed that both probiotic-related products and bovine colostrum neutralised *C. difficile* toxins, while only probiotic-related products inhibited bacterial growth.

Awards	Value
Honourable Mention - Health Sciences - Intermediate Sponsor: Canadian Institutes of Health Research	\$100
Total	\$100